

Christian M Reidys

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5434438/publications.pdf>

Version: 2024-02-01

20
papers

430
citations

1163117

8
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology and prediction of RNA pseudoknots. <i>Bioinformatics</i> , 2011, 27, 1076-1085.	4.1	137
2	Neutrality in fitness landscapes. <i>Applied Mathematics and Computation</i> , 2001, 117, 321-350.	2.2	89
3	Combinatorics of RNA Structures with Pseudoknots. <i>Bulletin of Mathematical Biology</i> , 2008, 70, 45-67.	1.9	47
4	Random Induced Subgraphs of Generalizedn-Cubes. <i>Advances in Applied Mathematics</i> , 1997, 19, 360-377.	0.7	46
5	Topological recursion for chord diagrams, RNA complexes, and cells in moduli spaces. <i>Nuclear Physics B</i> , 2013, 866, 414-443.	2.5	22
6	Shapes of RNA Pseudoknot Structures. <i>Journal of Computational Biology</i> , 2010, 17, 1575-1590.	1.6	13
7	Topology of RNA-RNA Interaction Structures. <i>Journal of Computational Biology</i> , 2012, 19, 928-943.	1.6	13
8	Shapes of topological RNA structures. <i>Mathematical Biosciences</i> , 2015, 270, 57-65.	1.9	12
9	Multiplicity of phenotypes and RNA evolution. <i>Journal of Theoretical Biology</i> , 2018, 447, 139-146.	1.7	9
10	Sequence-structure relations of biopolymers. <i>Bioinformatics</i> , 2017, 33, 382-389.	4.1	8
11	Local Connectivity of Neutral Networks. <i>Bulletin of Mathematical Biology</i> , 2009, 71, 265-290.	1.9	7
12	An Efficient Dual Sampling Algorithm with Hamming Distance Filtration. <i>Journal of Computational Biology</i> , 2018, 25, 1179-1192.	1.6	7
13	Combinatorics of $\hat{1}^3$ -Structures. <i>Journal of Computational Biology</i> , 2014, 21, 591-608.	1.6	6
14	Degeneracy and genetic assimilation in RNA evolution. <i>BMC Bioinformatics</i> , 2018, 19, 543.	2.6	5
15	Weighted Homology of Bi-Structures over Certain Discrete Valuation Rings. <i>Mathematics</i> , 2021, 9, 744.	2.2	3
16	Loop homology of bi-secondary structures. <i>Discrete Mathematics</i> , 2021, 344, 112371.	0.7	3
17	A Boltzmann Sampler for 1-Pairs with Double Filtration. <i>Journal of Computational Biology</i> , 2019, 26, 173-192.	1.6	2
18	On the Loop Homology of a Certain Complex of RNA Structures. <i>Mathematics</i> , 2021, 9, 1749.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Loop homology of bi-secondary structures II. Journal of Algebraic Combinatorics, 0, , .	0.8	0
20	Michael Waterman's Contributions to Computational Biology and Bioinformatics. Journal of Computational Biology, 0, , .	1.6	0